AMENDMENTS TO THE SPECIFICATION

IN THE SPECIFICATION

Please replace the title of the invention at page 1, lines 1-2 with the following:

--A MAGNETIC RESONANCE DETECTOR FOR DETECTING NON-AUTHORIZED MATERIALS IN FOOTWEAR.--

Please replace the paragraphs from page 2, line 27 – page 6, line 24 under the heading BRIEF SUMMARY OF THE INVENTION with the following:

--Consequently, an object of the present invention is to provide novel means to improve the reliability with which substances are detected in a zone with protected access.

In the ambit of the present invention, this object is achieved by a device for detecting at least a non-authorized material in a zone with protected access.

Thus, as described in greater detail below, the invention differs from prior art devices known from the above-specified literature an/or from prior practice, by the fact that the device is specifically dedicated to detect prohibited substances in the shoes of individuals, and detection being based on Induction Nuclear Magnetic Resonance. This detection is performed on a single foot (shoe) at a time, and thus on two feet (shoes) in succession.

Thus, as described in greater detail below, the device of the present invention also differs from the prior art by the fact that it can use, on the same inspection volume, three types of resonance: Electronic Spin Resonance (ESS), Nuclear Magnetic Resonance (NMR) and Nuclear Quadrupole Resonance (NQR) also know as "Zero Field" Nuclear Magnetic Resonance.

The inventor has determined that the devices proposed in the prior art suffer from a major drawback: they use only one detection technique such as NQR, and do not combine different detection techniques, thus limiting itself to detect only narrow range of substances.--